

# SEQUENCE LISTING

<110> Hisamitsu Pharmaceutical Co., Inc.

<120> METHOD OF SCREENING COMPOUND CAPABLE OF ACCELERATING OR INHIBITING APOPTOSIS, APOPTOSIS ACCELERATOR AND APOPTOSIS INHIBITOR

<130> FP05-0112-00

<150> JP 2004-93,266

<151> 2004-03-26

<150> JP 2004-176,107

<151> 2004-06-14

<160> 26

<170> PatentIn version 3.1

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Glu Leu Ser Thr Lys Asn Arg Glu Arg Trp Cys His Glu Ile Gln Ile  
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Met Lys Lys Leu Asn His Ala Asn Val Val Lys Ala Cys Asp Val Pro  
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Glu Glu Leu Asn Ile Leu Ile His Asp Val Pro Leu Leu Ala Met Glu  
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Cys Cys Gly Leu Lys Glu Ser Gln Ile Leu Ser Leu Leu Ser Asp Ile  
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Gly Ser Gly Ile Arg Tyr Leu His Glu Asn Lys Ile Ile His Arg Asp  
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His Lys Ile Ile Asp Leu Gly Tyr Ala Lys Asp Val Asp Gln Gly Ser  
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Gly Pro Val Asp Leu Thr Leu Lys Gln Pro Arg Cys Phe Val Leu Met  
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485 490 495

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Tyr Leu Glu Asp Gln Ile Met Ser Leu His Ala Glu Ile Met Glu Leu  
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Gln Lys Ser Pro Tyr Gly Arg Arg Gln Gly Asp Leu Met Glu Ser Leu  
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Asp His Ser Tyr Ser Asp Ser Thr Glu Met Val Lys Ile Ile Val His  
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Thr Val Gln Ser Gln Asp Arg Val Leu Lys Glu Leu Phe Gly His Leu  
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Ser Lys Leu Leu Gly Cys Lys Gln Lys Ile Ile Asp Leu Leu Pro Lys  
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Val Glu Val Ala Leu Ser Asn Ile Lys Glu Ala Asp Asn Thr Val Met  
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Phe Met Gln Gly Lys Arg Gln Lys Glu Ile Trp His Leu Leu Lys Ile  
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Ala Cys Thr Gln Ser Ser Ala Arg Ser Leu Val Gly Ser Ser Leu Glu  
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Gly Ala Val Thr Pro Gln Thr Ser Ala Trp Leu Pro Pro Thr Ser Ala  
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Glu His Asp His Ser Leu Ser Cys Val Val Thr Pro Gln Asp Gly Glu  
690 695 700

Thr Ser Ala Gln Met Ile Glu Glu Asn Leu Asn Cys Leu Gly His Leu  
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Glu Leu Ser Thr Lys Asn Arg Glu Arg Trp Cys His Glu Ile Gln Ile  
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Met Lys Lys Leu Asn His Ala Asn Val Val Lys Ala Cys Asp Val Pro  
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Glu Glu Leu Asn Ile Leu Ile His Asp Val Pro Leu Leu Ala Met Glu  
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Tyr Cys Ser Gly Gly Asp Leu Arg Lys Leu Leu Asn Lys Pro Glu Asn  
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Cys Cys Gly Leu Lys Glu Ser Gln Ile Leu Ser Leu Leu Ser Asp Ile  
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Gly Ser Gly Ile Arg Tyr Leu His Glu Asn Lys Ile Ile His Arg Asp  
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Leu Lys Pro Glu Asn Ile Val Leu Gln Asp Val Gly Gly Lys Ile Ile  
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His Lys Ile Ile Asp Leu Gly Tyr Ala Lys Asp Val Asp Gln Gly Ser  
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Leu Cys Thr Ser Phe Val Gly Thr Leu Gln Tyr Leu Ala Pro Glu Leu  
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Phe Glu Asn Lys Pro Tyr Thr Ala Thr Val Asp Tyr Trp Ser Phe Gly  
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Thr Met Val Phe Glu Cys Ile Ala Gly Tyr Arg Pro Phe Leu His His  
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Leu Gln Pro Phe Thr Trp His Glu Lys Ile Lys Lys Lys Asp Pro Lys  
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Cys Ile Phe Ala Cys Glu Glu Met Ser Gly Glu Val Arg Phe Ser Ser



Gln Lys Ser Pro Tyr Gly Arg Arg Gln Gly Asp Leu Met Glu Ser Leu  
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Glu Gln Arg Ala Ile Asp Leu Tyr Lys Gln Leu Lys His Arg Pro Ser  
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Asp His Ser Tyr Ser Asp Ser Thr Glu Met Val Lys Ile Ile Val His  
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Thr Val Gln Ser Gln Asp Arg Val Leu Lys Glu Leu Phe Gly His Leu  
595 600 605

Ser Lys Leu Leu Gly Cys Lys Gln Lys Ile Ile Asp Leu Leu Pro Lys  
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Val Glu Val Ala Leu Ser Asn Ile Lys Glu Ala Asp Asn Thr Val Met  
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Gly Ala Val Thr Pro Gln Thr Ser Ala Trp Leu Pro Pro Thr Ser Ala  
675 680 685

Glu His Asp His Ser Leu Ser Cys Val Val Thr Pro Gln Asp Gly Glu  
690 695 700

Thr Ser Ala Gln Met Ile Glu Glu Asn Leu Asn Cys Leu Gly His Leu  
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Ser Pro Ile Gly Ala Ser Gly Val Ala His Arg Ser Gln Ser Ser Glu  
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 Gly Val Ser Ser Leu Ser Ser Ser Pro Ser Asn Ser Leu Glu Thr Gln  
 85 90 95  
 Ser Gln Ser Leu Ser Arg Ser Gln Ser Met Asp Ile Asp Gly Val Ser  
 100 105 110  
 Cys Glu Lys Ser Met Ser Gln Val Asp Val Asp Ser Gly Ile Glu Asn  
 115 120 125  
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 130 135 140  
 Lys Glu Pro Ser Ser Gly Pro Glu Val Ser Glu Glu Gln Ala Leu Gln  
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 Glu Val Phe Ser Asp Phe Lys Asp Leu Ile Gly Gln Ile Leu Met Glu  
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Pro Tyr Gly Phe Ile Gln Glu Leu Val Arg Thr Thr His Gln Asp Glu  
370 375 380

Glu Val Phe Lys Gln Ile Phe Ile Pro Ile Leu Gln Gly Leu Ala Leu  
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Ala Ala Lys Glu Cys Ser Leu Asp Ser Asp Tyr Phe Lys Tyr Pro Leu  
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Met Ala Leu Gly Glu Leu Cys Glu Thr Lys Phe Gly Lys Thr His Pro  
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Val Cys Asn Leu Val Ala Ser Leu Arg Leu Trp Leu Pro Lys Ser Leu  
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Ser Pro Gly Cys Gly Arg Glu Leu Gln Arg Leu Ser Tyr Leu Gly Ala  
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Lys Ile Leu His Ser Ile Leu Leu Asn Gly Glu Thr Arg Glu Ala Ala  
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Leu Ser Tyr Met Ala Ala Val Val Asn Ala Asn Met Lys Lys Ala Gln  
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Phe Leu Trp Val Leu Gln Gln Leu Ser Thr Lys Ile Lys Leu Glu Thr  
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 Tyr Ile Asn Met Leu Ile Asn Asp Thr Thr Phe Leu Leu Asp Glu Ser  
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Asp Gln Leu Thr Asp Ile Tyr Leu Gln Leu Asp Cys Ala Arg Phe  
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Ala Lys Ala Ile Ala Asp Asp Gln Arg Ser Tyr Ser Lys Glu Leu  
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Phe Glu Glu Val Ile Ser Lys Met Arg Lys Ala Gly Ile Lys Ser  
 1055 1060 1065

Thr Ile Ala Ile Glu Lys Phe Lys Leu Leu Ala Glu Lys Val Glu  
 1070 1075 1080

Glu Ile Val Ala Lys Asn Ala Arg Ala Glu Ile Asp Tyr Ser Asp  
 1085 1090 1095

Ala Pro Asp Glu Phe Arg Asp Pro Leu Met Asp Thr Leu Met Thr  
 1100 1105 1110

Asp Pro Val Arg Leu Pro Ser Gly Thr Ile Met Asp Arg Ser Ile  
 1115 1120 1125

Ile Leu Arg His Leu Leu Asn Ser Pro Thr Asp Pro Phe Asn Arg  
 1130 1135 1140

Gln Thr Leu Thr Glu Ser Met Leu Glu Pro Val Pro Glu Leu Lys  
 1145 1150 1155

Glu Gln Ile Gln Ala Trp Met Arg Glu Lys Gln Asn Ser Asp His  
 1160 1165 1170